

CLAIMSWhat Is Claimed Is:

1. A purified or isolated nucleic acid comprising the sequence of one of SEQ ID NOs: 134-180 or a sequence complementary thereto.
- 5 2. A purified or isolated nucleic acid comprising at least 10 consecutive bases of the sequence of one of SEQ ID NOs: 134-180 or one of the sequences complementary thereto.
3. A purified or isolated nucleic acid comprising the full coding sequences of one of SEQ ID NOs: 136-148, 150, 152-154, 156-159, 161-163, 165, 167-170, 172-174, and 176-180, wherein the full coding sequence comprises the sequence encoding signal peptide and the sequence encoding mature protein.
- 10 4. A purified or isolated nucleic acid comprising the nucleotides of one of SEQ ID NOs: 135-148, 150, 152-163, and 165-180 which encode a mature protein.
5. A purified or isolated nucleic acid comprising the nucleotides of one of SEQ ID NOs: 134, 136-148, 150-154, 156-159, 161-165, 167-170, 172-174, and 176-180 which encode the signal peptide.
- 15 6. A purified or isolated nucleic acid encoding a polypeptide having the sequence of one of the sequences of SEQ ID NOs: 181-227.
7. A purified or isolated nucleic acid encoding a polypeptide having the sequence of a mature protein included in one of the sequences of SEQ ID NOs: 182-195, 197, 199-210, and 212-227.
- 20 8. A purified or isolated nucleic acid encoding a polypeptide having the sequence of a signal peptide included in one of the sequences of SEQ ID NOs: 181, 183-195, 197-201, 203-206, 208-212, 214-217, 219-221, and 223-227.
9. A purified or isolated protein comprising the sequence of one of SEQ ID NOs:
- 25 181-227.
10. A purified or isolated polypeptide comprising at least 10 consecutive amino acids of one of the sequences of SEQ ID NOs: 181-227.
11. An isolated or purified polypeptide comprising a signal peptide of one of the polypeptides of SEQ ID NOs: 181, 183-195, 197-201, 203-206, 208-212, 214-217, 219-221, and
- 30 223-227.
12. An isolated or purified polypeptide comprising a mature protein of one of the polypeptides of SEQ ID NOs: 182-195, 197, 199-210, and 212-227.
13. A method of making a protein comprising one of the sequences of SEQ ID NO:

Sub B1

Sub B2

obtaining a cDNA comprising one of the sequences of sequence of SEQ ID NO: 134-180;
inserting said cDNA in an expression vector such that said cDNA is operably linked to a promoter; and

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15. A protein obtainable by the method of Claim 14.

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Sub
B3

Year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	